



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

REPORT #7

By Carol Day at 1:24 pm, Jan 28, 2015

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN <u>108 268</u>	PRINTER SN <u>099, 3586, 791</u>	DATE OF INSPECTION <u>1-27-2015</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>1781 Zumbach, St. Charles, Mo. 63303</u>		TIME OF INSPECTION <u>0918</u>

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL) OK

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C) OK

☒ PRINTER WORKING PROPERLY OK

☒ TIME AND DATE DISPLAYING PROPERLY OK

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION

☐ COMPRESSED ETHANOL GAS MIXTURE

☒ STANDARD SUPPLIER Guth Laboratories LOT # 14030 EXP. DATE 1-20-2016

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0°C SIMULATOR SN SB 2248 SIMULATOR EXP DATE 1-15-2016

☐ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 100

TEST 2 101

TEST 3 101

☒ RFI DETECTOR OPERATING

**INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)**

REFUSALS 0 (0-.04) 0 (.05-.09) 0 (.10-.14) 0 (.15-.19) 0 (OVER .19) 0

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSPECTING OFFICER

SIGNATURE
P.O. Daniel Allen 196
TYPE & PERMIT NUMBER/EXPIRATION DATE
230251

PRINT NAME
P.O. Daniel Allen 196
TELEPHONE NUMBER
131 949 2200

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
St. Louis, MO 63103



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14030 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 22, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1215% (w/vol) ethyl alcohol. The expiration date for this lot number is January 20, 2016 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 00024

Temp Date Time 210L

Air Blank:
01/27/15 09:18 .000
Calibration Check:
21 01/27/15 09:18 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Allen 196

Location

1781 Zumbach

St. Charles, Mo

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 00026

Temp Date Time 210L

Air Blank:
01/27/15 09:22 .000
Calibration Check:
22 01/27/15 09:22 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Allen 196

Location

1781 Zumbach

St. Charles, Mo.

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 00025

Temp Date Time 210L

Air Blank:
01/27/15 09:20 .000
Calibration Check:
21 01/27/15 09:20 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Allen 196

Location

1781 Zumbach

St. Charles, Mo.

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 00027

Temp Date Time 210L

VOID: RFI
12 01/27/15 09:23

Subject Name

Subject I.D.

Operator Name, I.D.

Allen 196

Location

1781 Zumbach



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

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**PERMIT
TYPE II**

DANIEL ALLEN

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV WITH PRINTER, INTOX EC/IR II

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 1/20/2015

NUMBER 256016

EXPIRES 1/20/2017


MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director


DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

 **STATE OF MISSOURI**
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.



Operator ALLEN DANIEL
Permit No 256016
Date Issued 1/20/2015 Date Expires 1/20/2017